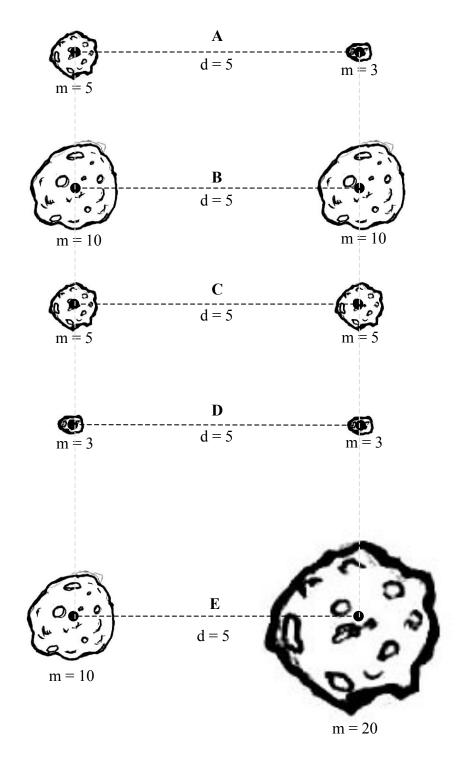
## Astronomy Ranking Task: Gravity

## Exercise #2

**Description:** The figures below (A - E) each show two rocky asteroids with masses (m), expressed in arbitrary units, separated by a distance (d), also expressed in arbitrary units.



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exerted on the aste						
Ranking Order:	Greatest 1	_ 2	_ 3	4	_ 5	_ Least
Or, the strength of (indicate with a ch	_	al force e	exerted in	n each ca	ase is the	e same.
Carefully explain	your reasoning	for rank	ing this	way:		
Ranking Instruct exerted on the aste Ranking Order:	eroid located on	the <u>right</u>	side of	each pai	r.	f the gravitational for Least
exerted on the aste	Greatest 1 The gravitationa	the <u>right</u>	side of 6	each pai 4	r. 5	_ Least
Ranking Order:  Or, the strength of	Greatest 1  The gravitational ack mark)	the <u>right</u> 2 al force e	33 xerted in	each pai	r. 5	_ Least
Ranking Order:  Or, the strength of (indicate with a ch	Greatest 1  The gravitational ack mark)	the <u>right</u> 2 al force e	33 xerted in	each pai	r. 5	_ Least